



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 4523

SERIAL NUMBER 10/606,263	FILING DATE 06/25/2003 RULE	CLASS 438	GROUP ART UNIT 2813	ATTORNEY DOCKET NO. 200300153-1
-----------------------------	---------------------------------------	--------------	------------------------	------------------------------------

APPLICANTS
 Manish Sharma, Sunnyvale, CA;

** CONTINUING DATA *****
none Mdt 3/17/05

** FOREIGN APPLICATIONS *****
none Mdt 3/17/05

IF REQUIRED, FOREIGN FILING LICENSE GRANTED
 ** 09/26/2003

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged <i>Monica D. Johnson</i> Examiner's Signature	STATE OR COUNTRY CA	SHEETS DRAWING 7	TOTAL CLAIMS 38	INDEPENDENT CLAIMS 3
---	---------------------------	------------------------	-----------------------	----------------------------

ADDRESS
 22879
 HEWLETT PACKARD COMPANY
 P O BOX 272400, 3404 E. HARMONY ROAD
 INTELLECTUAL PROPERTY ADMINISTRATION
 FORT COLLINS, CO
 80527-2400

TITLE
 Directional ion etching process for patterning self-aligned via contacts

FILING FEE RECEIVED 1074	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit
--------------------------------	---	---